MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

DECEMBER, 1925

J. A. BROWN, DIRECTOR

Printed at the American Press.
Beirut, Syria

DECEMBER 1925
METEOROLOGICAL REGISTER

Date	Barometer reduced to 0 C Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sun-shine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	764.1	763.4	761.3	762.9	22.9	17.9		5.1	
2	3.8	4.1	5.9	4.6	22.0	17.2		5.0	
3	7.2	6.2	6.1	6.5	21.0	17.5		4.3	
4	5.3	2.0	1.3	2.9	20.4	15.6		7.7	
5	1.5	0.2	0.0	0.6	21.9	16.7		2.0	
6	0.0	0.2	59.0	59.7	23.4	17.8		2.0	
7	2.9	2.1	61.7	62.2	21.8	17.2		4.4	15.71
8	3.8	3.0	3.8	3.5	20.8	13.8		1.3	0.25
9	4.6	2.9	3.0	3.5	19.2	16.0			13.70
10	3.6	3.2	4.2	3.7	19.2	11.8		0.7	17.09
11	4.8	4.2	5.8	4.9	14.4	11.6		0.1	13.82
12	8.4	7.9	8.7	8.3	17.6	11.6		1.6	1.62
13	7.9	6.4	7.0	7.1	19.8	14.1		7.1	
14	6.4	5.0	5.2	5.5	19.8	14.0		8.6	
15	5.8	4.9	6.1	5.6	20.0	14.5		8.7	
16	8.1	6.7	6.8	7.2	20.2	14.8		7.9	
17	5.7	3.4	3.0	4.0	21.4	16.6		5.6	
18	2.6	0.3	0.3	1.1	22.6	17.6		8.5	
19	58.2	57.3	59.1	58.2	19.4	13.3		0.0	51.17
20	63.0	64.0	65.8	64.3	16.3	8.4		3.5	12.44
21	7.8	7.6	8.8	8.1	18.2	12.6		0.0	
22	9.2	8.3	8.0	8.5	18.3	14.1		0.8	
23	9.0	7.3	8.0	8.1	19.1	13.8		1.0	
24	6.8	5.0	5.6	5.8	18.8	14.2		7.7	
25	3.7	1.6	1.9	2.4	20.4	14.3		4.2	3.91
26	9.7	57.4	58.6	58.6	18.3	13.4		0.0	24.00
27	0.7	9.8	8.8	9.8	17.4	11.8		0.1	1.83
28	58.6	60.5	62.5	60.5	19.3	12.6		5.1	26.15
29	63.4	1.6	3.0	2.7	18.1	12.2		1.1	8.89
30	3.2	3.4	4.8	3.8	17.2	12.2		1.5	23.36
31	5.6	4.9	5.7	5.4	17.2	12 3		3.9	0.51
	764.37	763 38	763 87	764.52	19.53	14 24		3.65	214.49

BAROMETER

Maximum 769.2 on 22nd
Minimum 757.3 on 19th

THERMOMETER

Maximum 22.9 on 1st
Minimum 8.4 on 20th

RAINFALL

Maximum 51.17 mm. on 19th

Number of days with rain 15, thunderstorms 4, gales .3

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Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8.30	2.30	8:30	Mean	8:30	2:30	8:30	8:30	2;30	8:30	Mean	8:30	2:30	8:30	Mean
1	20.8	22.3	19.5	20.9	18.2	18.8	18.3	13.7	13.8	14.8	14.1	75	68	87	77
2	19.0	20.8	18.2	19.3	16.5	18.3	16.6	12.3	13.8	13.0	13.0	76	76	84	79
3	19.0	19.9	17.6	18.5	16.5	16.6	15.4	12.3	11.8	11.6	11.9	76	68	78	74
4	17.9	19.9	17.8	18.5	15.4	16.6	15.9	11.4	11.9	12.2	11.8	75	69	81	75
5	19.2	21.0	20.1	20.1	17.2	17.7	17.3	13.2	12.8	12.7	12.9	80	70	73	74
6	19.8	21.2	18.4	19 8	18.3	18.8	17.3	14.6	14.6	13.9	14.4	84	78	88	83
7	19.5	21.2	14.3	18 3	15.5	17.7	13.5	10.7	12.8	11.0	11.5	64	69	90	74
8	18.9	20.4	18.8	19.4	16.7	15.7	15.6	12.6	10.4	11.1	11.4	78	58	69	68
9	16.4	17.9	15 4	16.6	13.7	14.3	12.4	10.0	10.0	9.1	9.7	74	65	69	69
10	13 0	13.8	12.5	13.1	11.4	12.9	11.4	9.2	10.5	9.3	9.7	83	90	87	87
11	11.8	13,8	13.1	12.9	10.8	12.0	10.3	9.1	9.4	7.9	8.8	87	80	70	79
12	14.4	16.6	15.4	15.5	12.8	13.9	11.7	10.0	10.2	8.3	9.5	81	73	64	73
13	15.6	18.7	15.6	16.6	12.1	14.3	12.4	8.4	9.6	9.0	9.0	61	60	68	63
14	16.6	18.9	18.2	17.9	12.7	14.1	14.4	8.8	9.2	10.0	9.3	64	57	64	62
15	16.3	19.4	16.3	17.3	12.9	15 7	13.8	9.1	11.0	10.2	10.1	66	66	74	68
16	17.4	19.7	18.1	18.4	13.6	15 4	15.7	9.4	10.4	11.6	10.5	63	61	75	66
17	17.8	20.4	20.1	19.4	14.4	17.1	14.2	10.1	12.3	8.9	10.4	65	69	51	62
18	20.2	21.7	19.1	20.3	15.1	17.7	16.0	9.8	12.4	11.6	11.3	55	65	71	64
19	13.9	14.0	12.5	13.5	13.5	12.0	10.4	11.3	9.3	8.3	9.6	95	78	77	83
20	12.8	15.7	13.0	13.8	10.1	11.1	10.0	7.7	7.5	7.6	7.6	71	57	68	65
21	14.9	17.6	15.3	15.9	11.6	13.6	12.4	8.4	9.3	9.1	8.9	66	63	70	66
22	16.0	17.5	16.1	16.5	12.3	13.7	11.9	8.6	9.4	8.2	8.7	63	63	60	62
23	16.1	18.3	15.4	16.6	12.7	14.8	12.6	9.0	10.4	9.2	9.5	66	67	70	68
24	15.3	18.4	15.2	16.3	12.1	14.7	12.9	8.7	10.2	9 8	9.6	68	65	76	70
25	17.3	20.1	17.2	18.2	13.4	16 0	16.6	9.2	11.1	13.6	11.3	63	64	94	74
26	17.1	17.9	16 3	17,1	15.7	15.1	13.9	12.4	11.0	10.3	11.2	85	72	75	77
27	17.2	17.8	13.6	16.9	12.7	14.6	13.3	8.6	10.4	10.0	9.7	59	69	76	68
28	15 6	15.9	14.3	15.3	13.8	12 8	11.6	10.6	9.8	8.6	9 7	81	74	71	75
29	14.4	17.6	12.8	14.9	11.0	12.9	12.2	8.0	8.6	10.2	8.9	65	58	93	72
30	14.2	16.5	15.2	15.3	13.9	14.3	12.9	11.6	9.3	9.7	10.2	96	67	75	79
31	14.3	16.9	18.6	16.6	11.7	12.3	10.9	8.8	8.2	7.8	8.3	74	57	64	65
	16.54	18.45	16.32	17.09	13.82	15 02	13.67	10 25	10.69	10 28	10 40	72.9	67.6	74.5	71.6

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1·70 m
Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m
Gravity Correction — 0.79mm.
Time of readings according to Standard Time of 30th E. Meridian.

DECEMBER 1925
METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 1—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	8ci	8ci	4ci	6.7	1e	2	0	18.7	calm	dew
2	10cu n	7cu ci	4	7.0	0	0	0	41.7	,,	heavy dew
3	4	8cu n	7	6.3	1s	3e	1s	148.0	,,	
4	2cu ci	5 ci	1ci	2.7	0	4n	1e	113.6	v. slight	
5	5ci	10ci n	9ci n	8.0	0	1n	1n	79.5	calm	dew
6	9cu cin	10cu cin	2cu n	7 0	1s	1e	1e	91.9	v. sligh	dew lightn.
7	7cu cin	5cu ci	7ci n	6.3	1e	2s	0	70.7	,,	
8	9cu cin	4cu n	10cu n	7.7	0	3	5	155.1	,,	lightn. trace
9	4cuci n	7cu n	3cu n	4 7	2	4	3s	506.3	slight	lightning
10	9cu n	10cu n	5cu n	8.0	5	1	0	260.0	,,	th. st. mist
11	9cu n	9cu cin	3cu n	7.0	3e	1e	1	192.8	calm	lightningt
12	9cu cin	8cu cin	10cu n	9.0	2e	5ne	2e	196.0	,,	rainbow
13	6cu ci	3cu ci	10cu ci	3.3	0	4	2e	86.3	,,	
14	6cu ci	3ci	3ci	4.0	0	2ne	2ne	135.2	v. slight	dew
15	0	0	0	0.0	0	2w	1e	45.7	calm	dew, cl. fine
16	0	7ci	7ci	4.7	0	2n	1s	71.2	,,	dew
17	10cin	0	0	3.3	3	1	2	53.4	..	dew
18	2cu ci	1	4	2.3	2	3	3	225.3	slight	dew lightn.
19	10cu n	10cu n	9cu n	9.3	3	5	2e	388.3	rough	th. st. hl. gale
20	7cu n	6cu n	3	5.3	3w	2	3s	254.8	slight	
21	9cucin	8cun	8cu n	8.3	2se	0	0	57.1	calm	
22	9cu n	7cu ci	7cu ci	7.7	2e	0	1ne	19.6	,,	
23	9	9	3cu ci	7.0	2e	0	2e	21.2	,,	
24	2cu ci	6cu ci	3cu ci	3.3	1	3	0	173 0	,,	dew
25	7cu ci	6cu ci	10cu n	7.7	3e	5	0	354.6	v. slight	dew
26	10cu n	8cu n	9cu n	9.0	6se	6	3	435.1	rough	th. st. gale
27	7cu cin	9cu ci	7cu ci	7.7	5	3	3e	254.9	v. slight	
28	9cu n	2	6	5.7	6n	2w	2e	631.6	slight	th. st. gale
29	8cu ci	7cu cin	10cu n	8 3	2e	3	2e	130.2	v. slight	thunder
30	8cu n	7cu n	4	6 3	3	4ne	2e	291.5	,,	
31	3	7cu ci	8	6.0	1e	1	2ne	67.6	calm	
				6.32				179.71		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	0	9	2	2	8	1	0	8
2:30	3	3	4	0	1	13	3	0	4
8:30	1	3	11	0	4	5	0	0	7
Totals	5	6	24	2	7	26	4	0	19

N. B. — Cloud numbers without letters are all cu
Wind ,, ,, ,, ,, sw